EXHIBIT A

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known							
Application Number 09/688,282							
Filing Date October 13, 2000							
Helferich, Richard J.							
Group Art Unit 2684							
Not yet assigned	6%						
	09/688,282 October 13, 2000 Helferich, Richard J. 2684						

					Application Number	r	09/688,28	2	
INFORMATION DISC			I DIS	CLOSURE	Filing Date		October 13	7	
STATEMENT BY APPLICANT				First Named Invent	tor	Helferich,	Richard J.	PROFINED TOO	
•					Group Art Unit		2684	1	
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Sheet		_1 	of	2	Attorney Docket Nur	mber	00101-13	7-USP %	J. P. TAIL
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		5,406,557		Baudoin			11/1995		1 0
		5,455,823		Noreen et al.		$\overline{}$	03/1995		-
 		5,483,352		Fukuyama et al.			09/1996		-
 	_	5,564,018 5,557,659		Flores et al.			08/1996		4
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		5,726,643		Tani		_	10/1998		-
		5,737,394		Anderson et al.			07/1998		-
		5,737,395		Irribarren			07/1998		-
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		5,805,886		Skarbo et al.			08/1998		-
		5,809,130		Ayala			15/1998		-
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		5,812,795	1	Horovitz et al.			22/1998		†
		5,828,882		Hinckley			27/1998		1
		5,835,089		Skarbo et al.			10/1998		┪
		5,850,594	\neg	Cannon et al.			15/1998		1
		5,872,926		Levec et al.		_	16/1999		1
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		5,892,909		Grasso et al.		_	06/1999		1
	5,905,495 Tanaka et al. 05/18/19		18/1999		1				
		5,913,032		Schwartz et al.		06/1	15/1999		7
		5,938,725		Hara		08/1	7/1999		
		5,948,059		Woo et al.		09/0	7/1999		
		5,951,638		Hoss et al.		09/	14/1999		
		5,961,590		Mendez et al.		10/0	5/1999		7
		5,961,620		Trent et al.		10/0)5/1999		
		5,963,618		Porter		10/0	5/1999		
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				FOREIG	GN PATENT DOCUME	NTS	-	
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Examiner Initials*	Cite No.¹	Office ³		Kind Code ⁵	Country	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T ⁶
			O 631 419 A1		Europe	12/28/1994		1
			EP 0 777 394 A1		Europe	06/04/1997	•	
			WO 98/58476		PCT	12/23/1998		1

PTO/SB/08A (08-00) ease type a plus sign (+) inside this box Approved for use through 10/31/2002.OMB 0651-0031 U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449A/PTO **Application Number** 09/688,282 INFORMATION DISCLOSURE TARCELLA RELIGION TO STATE TO Filing Date October 13, 2000 STATEMENT BY APPLICANT First Named Inventor Helferich, Richard J. 2684 Group Art Unit (use as many sheets as necessary) Not yet assigned Examiner Name Sheet 2 of 2 Attorney Docket Number 00101-137-USP WO 99 65256A 12/16/1999 Logica, Inc. 09/19/1997 EP 0831 664 A2 Siemens Business Communication Systems,

Signature		Considered	
*EXAMINER:	Initial if reference considered, whether or not citation is in conformance with MPEP 609.	Draw line through cita	ation if not in conformance and not

Date

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²						

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Signature	Considered	

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Examiner

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¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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S	TATE	EMENT	BY AF	PPLICANT	First Named Invent	or	Helferich,	Richard J.
					Group Art Unit		2684	le _{Cx}
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				U.S. PATEN	T DOCUMENTS			
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Initials*	No.1	Number	Kind Code ²	f of Cited Do		Cit	ited Document	Passages or Relevant
	+		(if known)			_	11/1005	Figures Appear
		5,406,557		Baudoin		_	11/1995	· · · · · · · · · · · · · · · · · · ·
		5,455,823	-	Noreen et al.			03/1995	
 		5,483,352	$\overline{}$	Fukuyama et al.			09/1996	<u> </u>
 		5,564,018		Flores et al.			08/1996	ļ
<u> </u>		5,557,659	-	Hyde-Thompson			17/1996	
├──		5,608,786		Gordon			04/1997	
 		5,630,060		Tang et al.			13/1997	
 	 	5,630,207 5,633,916					13/1997	
		5,649,305		Goldhagen et al. Yoshida			27/1997	
	+	5,717,742		Hyde-Thompson			15/1997	<u> </u>
		5,726,643		Tani			10/1998 10/1998	
		5,737,394		Anderson et al.			07/1998	
· · · · · ·		5,737,394		Irribarren			07/1998	
 	+	5,742,668		Pepe et al.			21/1998	
	+	5,742,689	+-	Yeager et al.			28/1998	
	+	5,761,622		Priest	Michigan		02/1998	
 	+-	5,796,394		Wicks et al.		_	18/1998	
	+-	5,805,886		Skarbo et al.			08/1998	-
	+-	5,809,130	-	Ayala			15/1998	
		5,870,454	-	Dahlen			09/1999	
		5,812,795	+	Horovitz et al.			22/1998	
		5,828,882		Hinckley			27/1998	
		5,835,089		Skarbo et al.			10/1998	
	+	5,850,594	-	Cannon et al.			15/1998	
——	+	5,872,926		Levec et al.			16/1999	
	+	5,875,436		Kikinis			23/1999	
	+	5,884,159	$\overline{}$	Thro et al.			16/1999	
	+	5,892,909		Grasso et al.			06/1999	
	+	5,905,495		Tanaka et al.			18/1999	
	1	5,913,032		Schwartz et al.			15/1999	
	+-	5,938,725		Hara			17/1999	
	+	5,948,059		Woo et al.			07/1999	
	1	5,951,638		Hoss et al.			14/1999	
 	1	5,961,590		Mendez et al.			05/1999	
	+	5,961,620		Trent et al.			05/1999	
	+	5,963,618	_	Porter			05/1999	-
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Examiner Initials*	Cite No.¹	Office ³	Foreign Patent Document Kind C Number ⁴ (if know		Country	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τ°
			O 631 419 A1	Europe		12/28/1994		+
			EP 0 777 394 A1	Europe		06/04/1997		
			WO 98/58476	PCT		12/23/1998		1

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U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under u	ne Paperwork Reduction At	3101 1995	, no persons are required to r	aspond to a collection of inform	nation unless it contains a valid OMB o	ontroi number.		
Sub	bstitute for form 1449A/PTC	o		Complete if Known				
				Application Number	09/688,282			
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S	STATEMENT	BY /	APPLICANT	First Named Inventor	Helferich, Richard J.			
				Group Art Unit	2684			
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Sheet	2	of	2	Attorney Docket Number	00101-137-USP	RE		

				
	WO 99 65256A	Logica, Inc.	12/16/1999	-1,450
	EP 0831 664 A2	Siemens Business Communication Systems, Inc.	09/19/1997	APR 0 4 2002
				Technology Center 2600
Examiner			Date	37,2000

Signature Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵ Applicant is to place a check mark here if English language Translation is attached.

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS								
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²						

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Signature	Considered	

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'Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached



Application No. Applicant(s) 08/933,344 Helferich of References Cited Examiner **Group Art Unit** Thuan Nguyen 2749 Page 1 of 1 **U.S. PATENT DOCUMENTS** DOCUMENT NO. DATE NAME CLASS SUBCLASS Α 6,087,956 7/2000 Helferich 340 825.44 В 5,974,447 10/1999 Cannon et al. 709 206 С 5,694,120 12/1997 Indekeu et al. 340 825.44 D 5,870,030 2/1999 DeLuca et al. 340 825.44 Ε F G н 1 J K L М **FOREIGN PATENT DOCUMENTS** DOCUMENT NO. DATE COUNTRY NAME **CLASS** SUBCLASS N 0 P Q R S Т **NON-PATENT DOCUMENTS** DOCUMENT (Including Author, Title, Source, and Pertinent Pages) DATE U ٧ w X

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T. Nguyen

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1069155 v1; MWYR011.DOC 1069155 v1; MWYR01!.DOC





INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number	Application Number
19504-012	08/933,344
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
September 19, 1997	2746

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	Α	5,003,576	3/26/91	Helferich				
_	В	5,592,532	1/7/97	Koizumi				
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FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number	Application Number
19504-012	08/933,344
Applicant(s)	
Richard J. Helferich	
Filing Date	Group Art Unit
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U.S. PATENT DOCUMENTS

l		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILE C.	-6/
Α		5,781,857	7/14/98	Hwang et al.			6/28/9	3 6
В		5,838,252	11/17/98	Kikinis			9/9/96	 3
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Application Number Modified Form 1449/PTO 08/933,344 Filing Date September 19, 1999 INFORMATION DISCLOSURE First Named Inventor Richard J. Helferich STATEMENT BY APPLICANT Group Art Unit 2746 Examiner Name T. Nguyen (use as many sheets as necessary) Attorney Docket Number 19504-012

	INFORMATION DISCLOSURE			First Named Inventor	Richard	Richard J. Helferich		
	STA	TEMENT BY AP	PLICANT		Group Art Unit	. 2746		4
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Exam Initials			Name	of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date Chief Appropriat	
	1.	4,868,560	9/19/89	Oliwa	et al.	340	825	5/11/88
	2.	5,473,667	12/5/95	Neust	ein	379	57	1/25/93
	3.	5,561,702	10/1/96	Lipp e	t al.	379	57	1/18/94
	4.	5,630,207	5/13/97	Gitlin	et al.	455	54	6/19/95 •
	5.	5,684,859	11/4/97	Chanr	oo et al.	379	58	5/1/95
	6.	5,726,643	3/10/98	Tani		340	825	1/3/95
	7.	5,761,622	6/2/98	Priest		455	522	5/18/95
	8.	5,809,130	9/15/98	Ayala		379	266	7/8/93
	9.	5,850,594	12/15/98	Canno	n et al.	455	31.3	8/26/96
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	Notice of Ref	erences Cited	Application No. 08/933,344 Examiner	Applicant(s)	Helfe Group Art Uni		
			Thuan Ngu	yen	2746		Page 1 of 1
	DOCUMENT NO.		S. PATENT DOCUMENTS				
A		DATE	NAME			CLASS	SUBCLASS
В	5,696,500	12/09/97	Diem			455	31.2
С	5,463,672	10/31/95	Kage			455	458
D	5,175,758	12/29/92	Levanto e	t al.		455	458
E	5,815,800	09/29/98	Su et al			455	31.2
F	5,455,823	10/03/95	Noreen et	al.		455	31.1
G	5,489,894	02/06/96	Murray			455	38.4
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AR			U.S. PATENT DOCUMENTS		1		·
EXAMPLED	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		G DATE ROPRIATE
A	5,448,759	09/05/95	Jay R. KREBS, et al.		<u> </u>		
AE		+	Makoto MURAI			<u> </u>	
AC	5,774,803	06/30/98	Kazuo KARIYA				
AC	5,257,307	10/26/93	Masahiro ISE				
AE	5,694,120	12/02/97	Jack P. INDEKEU, et al.			RECE	IVED
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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 3 31520/169696

SERIAL NO.: 08/933,344

MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)

APPLICANT: Richard J. Helferich

FILING DATE: September 19, 1997

GROUP:

U.S. PATENT DOCUMENTS

XAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,118,145	01/14/64	Nee	35.00	GOBOLAGO	AFROPRIATE
	4,480,253	10/30/84	Anderson		<u> </u>	
	4,644,352	02/17/87	. Fujii			
	4,737,979	04/12/88	Hashimoto		1	RECEIV
	4,812,843	03/14/89	Champion, III et al.		-	
	4,821,308	04/11/89	Hashimoto		 	APR 0 4 2
	4,825,456	04/25/89	Rosenberg		Tec	nology Cent
	4,845,491	07/04/89	Fascenda et al.			
	4,853,688	08/01/89	Andros et al.			
	4,897,835	01/30/90	Gaskill et al.			
	4,942,598	07/17/90	Davis			
	4,961,216	10/02/90	Baehr et al.			
	4,965,569	10/23/90	Bennett et al.			
	4,975,694	12/04/90	McLaughlin et al.			
	5,005,013	04/02/91	Tsukamoto et al.			
	5,007,105	04/09/91	Kudoh et al.			
	5,040,204	08/13/91	Sasaki et al.			
	5,043,721	08/27/91	May			
	5,047,763	09/10/91	Kuznicki et al.			
	5,065,423	11/12/91	Gaskill			
	5,093,659	03/03/92	Yamada			
	5,115,233	05/19/92	Zdunek et al.			
	5,117,449	05/26/92	Metroka et al.			
	5,128,980	07/07/92	Choi			
	5,134,724	07/28/92	Gehring et al.			
	5,138,311	08/11/92	Weinberg			
	5,138,312	08/11/92	Tsukamoto et al.			
	5,140,419	08/18/92	Galumbeck et al.			
	5,146,612	09/08/92	Grosjean et al.			
	5,153,903	10/06/92	Eastmond et al.			
	5,159,331	10/27/92	Park et al.			
	5,159,713	10/27/92	Gaskill et al.			
	5,173,688	12/22/92	DeLuca et al.			
	5,177,780	01/05/93	Kasper et al.			·

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

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APPLICANT: Richard J. Helferich

FILING DATE: September 19, 1997 GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,182,553	01/26/93	Kung	38.00	55555100	
	5,185,604	02/09/93	Nepple et al.			
	5,192,947	03/09/93	Neustein			
	5,194,857	03/16/93	Gomez			
	5,212,636	05/18/93	Nakazawa			D _P
	5,220,366	06/15/93	King			TEOPIN
	5,227,774	07/13/93	Benoist			IPD A
	5,241,305	08/31/93	Fascenda et al.		Teah	REGETY APR 0 4 20 Ology Center
	5,247,700	09/21/93	Wohl et al.		- recnj	Ology Cento.
	5,257,307	10/26/93	lse			
	5,265,033	11/23/93	Vajk et al.	-		
	5,285,426	02/08/94	Teodoridis			
	5,315,635	05/24/94	Kane et al.	_		
	5,329,501	07/12/94	Meister et al.			
	5,379,031	01/03/95	Mondrosch et al.			
	5,396,537	03/07/95	Schwendeman			
	5,398,021	03/14/95	Moore			
	5,402,466	03/28/95	Delahanty			
_	5,410,302	04/25/95	Dulaney, III et al.			
	5,418,835	05/23/95	Frohman et al.			
	5,426,422	06/20/95	Heuvel et al.			
	5,426,594	06/20/95	Wright et al.			
	5,428,663	06/27/95	Grimes et al.			
	5,432,839	07/11/95	DeLuca			-
	5,440,559	08/08/95	Gaskill			
	5,444,671	08/22/95	Tschannen et al.	 		
	5,452,356	09/19/95	Albert			
	5,457,732	10/10/95	Goldberg			
	5,473,143	12/05/95	Vak et al.			
	5,475,653	12/12/95	Yamada et al.			
	5,479,378	12/26/95	Yamada et al.			
	5,479,408	12/26/95	Will	-		
	5,481,255	07/02/96	Albert et al.			
	5,483,595	01/09/96	Owen	- 		

n PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO .:

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SERIAL NO.: 08/933,344

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FILING DATE:

September 19, 1997

GROUP: #

U.S. PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF
	5,485,503	01/16/96	Diem			
	5,487,100	01/23/96	Kane			
	5,497,373	03/05/96	Hulen et al.		 	
	5,530,438	06/25/96	Bickham et al.		<u> </u>	
	5,530,930	06/25/96	Hahn		<u> </u>	
-	5,550,535	08/27/96	Park	-	<u> </u>	
	5,555,446	09/10/96	Jasinski		 	
	5,572,196	11/05/96	Sakumoto et al.			
	5,572,488	11/05/96	Yamada et al.			
	5,579,372	11/26/96	Áström			
	5,581,593	12/03/96	Engelke et al.			
	5,588,009	12/24/96	Will			
	5,600,703	02/04/97	Dang et al.			
	5,604,788	02/18/97	Tett			
	5,623,242	04/22/97	Dawson, Jr. et al.			
	5,627,525	05/06/97	Kudoh et al.			
	5,635,918	06/03/97	Tett		177	
-	5,644,627	07/01/97	Segal et al.			
-	5,654,942	08/05/97	Akahane			
	5,663,703	09/02/97	Pearlman et al.			
	5,675,507	10/07/97	Bobo, II			
	5,675,627	10/07/97	Yaker		-	
	5,678,179	10/14/97	Turcotte et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIA	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Document: Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focarile et al.

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